

新井康平 研究業績

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534. 島添稔*, 新井康平**, 小田まり子、Optuna を用いた久留米餅の模様ずれ分類におけるハイパーパラメータチューニング、2023 年度電子情報通信学会九州支部学生会講演会・講演論文集、D25, 2023.
535. Arbnor Pajaziti, Kohei Arai, Enrichment of engineering laboratories with equipment, build by graduated students, Proceedings of the 18th Alb-Science Conference on ARTIFICIAL INTELLIGENCE IN EDUCATION AND SCIENTIFIC RESEARCH, Prishtina University, 13-14 Oct. 2023.

536. #1570966056 ('Development of Autodesk-based Digital Teaching Materials as a Support for Basic Digital Engineering Learning in Vocational Schools') for I-CORE 2023
537. 1570966164 ('Development of Interactive Virtual Laboratory Media with Tinkercad Platform on Analog Electronics Material') to The 3rd International Conference on Renewable Energy (I-CORE) 2023.
538. Kohei Arai, Nonlinear Merge and Split Based Image Clustering Method Through Changing the Number of Clusters, Proceedings of the Future Information and Communication Conference 2023.
539. Kohei Arai and XingMing Liang, Simultaneous Estimation Method of Mutually Correlated Geophysical Parameters and Its Application for Aerosol Parameter Estimation, Proceedings of the Computing Conference 2023.
540. Kohei Arai, Kenta Azuma, Ocean Wind Speed Retrieval Method with a Relative Wind Direction using Microwave Radiometer Data, Proceedings of the Intelligent Systems Conference 2023.
541. Kohei Arai, Method for Creation of Merged Dataset for SST Estimation with Thermal and Microwave Radiometer Data, Proceedings of the Future Technology Conference 2023.
- 542.

賞 罰

1. 1991年5月 日本リモートセンシング学会論文賞(新井康平)
2. 1999年5月 日本リモートセンシング学会論文賞(土田聡、佐藤功、山口靖、新井康平、高島勉)
3. 2003年5月 日本リモートセンシング学会永年貢献感謝状(新井康平)
4. 2004年6月 総務省九州総合通信局電波の日表彰(新井康平)
5. 2006年7月 国立大学法人佐賀大学発明表彰(学長表彰:新井康平)
6. 2007年1月 つくば科学万博記念財団ジュニア発明展学習研究社賞：日本宇宙少年団武雄分団長佐賀大学新井康平
7. 2007年8月 Scientific Meeting No.6 Award, Institute of Technology in Surabaya, JICA-PREDICT Between ITS and the University in Japan, 2006-2009. On the subject of “Computer Input by Eyes Only Through a Line-of-Sight Vector Estimation with Web Camera.
8. 2008年5月 Keynote Speech Award, Seminar on Intelligent Technics and Its Application, Institute of Technology in Surabaya,
9. 2009年9月 可視化情報学会ベストプレゼンテーション賞(新井康平)
10. 2009年12月 Institute Technology Bandung, Keynote Speech Award of the e-learning Seminar, (新井康平)
11. 2010年3月 Sebelas Maret University, Invited Speech Award of International Seminar on the Role of Open source Software and Open Education Resource in Improving the Quality of Higher Education, Free Open Source Software for e-Learning
12. 2010年11月 国立大学法人佐賀大学永年勤続表彰(学長表彰:新井康平)
13. 2010年12月 Visiting Professor Award, Sebelas Maret University, on the subjects, HCI, Wireless Sensor Network, Disaster Mitigation.
14. 2010年12月 Visiting Professor Award, Vinh University (Vietnam), on the subject of GA Based Clustering
15. 2011年4月 Information Technology: Next Generation Conference(米国ネバダ州立大学)Services and Contribution Award for HCI Track(新井康平)
16. 2011年5月 日本写真測量学会・学会賞(新井康平)
17. 2011年10月 ITS,EEPIS,MITI supported Industrial Electronics Seminar 2011Best Paper Award(新井康平, Achmad Basuki)
18. 2011年12月 International Journal of Advanced Computer Science and Applications Best Paper Awards in 2011(Volume 2)(新井康平)
19. 2012年8月 Keynote Speech Award of the Industrial Electronics Seminar 2012, Polytechnics of Electric and Electronics Engineering in Surabaya (PENS)
20. 2012年3月 佐賀県知事古川康平成23年度佐賀県ユニバーサルデザイン大賞優秀賞(新井康平)

21. 2012年8月 Paper Review Award of the International Journal of Image and Data Fusion: IJIDE, (新井康平)
22. 2013年4月 Information Technology: Next Generation Conference(米国ネバダ州立大学)Organizing Award for HCI and BMI Track(新井康平)
23. 2013年4月 Information Technology: Next Generation Conference(米国ネバダ州立大学)Services and Contribution Award (新井康平)
24. 2013年10月 ICACSYS 2013 Conference the best paper award(Herman Tolle and Kohei Arai)
25. 2014年2月 GOSAT 検証表彰、宇宙航空研究開発機構理事長奥村直樹(新井康平)
26. 2014年3月 Speaker Award, KCIC of the 3rd Indonesia-Japan Conference on Knowledge Creation and Intelligent Computing 2014.
27. 2014年4月 Information Technology: Next Generation Conference(米国ネバダ州立大学)Organizing Award for Healthcare Track(新井康平)
28. 2014年4月 文部科学大臣表彰、科学技術賞(研究部門)(新井康平)
29. 2014年8月 Invited Speaker Award: Science and Information Conference 2014, Science and Information Organization(新井康平)
30. 2014年2月 Qarshi University, Special Lecture Award, on the subjects of Satellite Remote Sensing and Human-Computer Interaction
31. 2015年4月 Information Technology: Next Generation Conference(米国ネバダ州立大学) Track Organizing Award: Future of Digital Health(新井康平)
32. 2015年5月 International Seminar on Intelligent Technology and Its Applications(インドネシア・スラバヤ工科大学) Keynote speaker award(新井康平)
33. 2015年5月 International Seminar on Intelligent Technology and Its Applications(インドネシア・スラバヤ工科大学) Reviewer award(新井康平)
34. 2015年7月 Invited Speaker Award: Science and Information Conference 2015, Session Chair and Program Committee Member Award, Contribution as Steering Committee Member Award, Science and Information Organization(新井康平)
35. 2016年4月 Information Technology: Next Generation Conference(米国ネバダ州立大学) Track Organizing Award: e-Health and Precision Medicine(新井康平)
36. 2016年6月 ICSU/COSPAR (国際学術連合、宇宙研究委員会) Vikram Sarabhai Medal(新井康平)
37. 2016年7月 Contribution Award as a Invited Speaker, Steering Committee member and Session Chair at the Science and Information Computing Conference 2016, Science and Information Organization, 2016(新井康平)
38. 2016年9月 Contribution Award as a Session Chair at the Science and Information Intelligent System Conference 2016, Science and Information Organization, 2016(新井康平)
39. 2016年10月 Keynote Speech Award of ICACSYS 2016, (新井康平)

40. 2016 年 10 月 Keynote Speech Award of SIET (the 1st International Conference on Sustainable Information Engineering and Technology) 2016, Brawijaya University, (新井康平)
41. 2016 年 10 月 Keynote Speech Award of Icon/EEI (International Conference on Electrical Engineering and Informatics) 2016, (新井康平)
42. 2016 年 12 月 Contribution Award as a Session Chair at the Science and Information Future Technology Conference 2016, Science and Information Organization, 2016(新井康平)
43. 2017 年 4 月 Keynote Speech Award of ITNG 2017, (新井康平)
44. 2017 年 4 月 Information Technology: Next Generation Conference(米国ネバダ州立大学) Track Organizing Award: Computer Vision, HCI, Image Processing/Analysis (新井康平)
45. 2017 年 7 月 Contribution Award as a Program Chair, Steering Committee member and Session Chair at the Science and Information Computing Conference 2017, Science and Information Organization, 2017(新井康平)
46. 2017 年 9 月 Contribution Award as a Program Chair, Session Chair at the Science and Information Intelligent System Conference 2017, Science and Information Organization, 2017 新井康平)
47. 2017 年 12 月 Contribution Award as a Program Chair, Session Chair at the Science and Information Future Technology Conference 2017, Science and Information Organization, 2017(新井康平)
48. 2017 年 10 月 Invited speech award, Bigdata Platform for agricultural field monitoring and environmental monitoring, The 4th LISAT Symposium, 2017.
49. 2017 年 10 月 Guest Lecture Award, on the subject of Onboard Vicarious and Cross Calibration for Solar Reflection Channels of Sensors Onboard Satellites, Bogor Agricultural University,
50. 2017 年 10 月 Student Paper Award, Yoshinori Bando, Nan Bu, Osamu Fukuda, Hiroshi Okumura, Kohei Arai, Object classification using a deep convolutional neural network and its application to myoelectric hand control, Proceedings of the International Symposium on Artificial Life and Robotics (AROB2017), GS12, 2017.2017
51. 2018 年 4 月 Contribution Award as a Program Chair, Session Chair at the Science and Information, FICC Conference 2018, Science and Information Organization, 2018(新井康平)
52. 2018 年 4 月 Special Lecture Award, Pakuan University on the subject of Human-Computer Interaction, invited talk on Human-Computer Interaction under the arrangement by Prof.Dr.Prihastuti Harsani, Program Studi Ilmu Komputer FMIPA - Universitas Pakuan Jl. Pakuan - Ciheuleut 16143
53. 2018 年 10 月 Keynote speech award, Global Environmental Monitoring from Space, The International Conference on Advanced Civil and Environmental Engineering, ICAAnCEE 2018, Bali, Indonesia.
54. 2018 年 7 月 Contribution Award as a Program Chair, Steering Committee member and Session Chair at the Science and Information Computing Conference 2018, Science and Information Organization, 2018(新井康平)
55. 2018 年 9 月 Contribution Award as a Program Chair, Session Chair at the Science and Information

- Intelligent System Conference 2018, Science and Information Organization, 2018(新井康平)
56. 2018年11月 Contribution Award as a Program Chair, Session Chair at the Science and Information, Future Technology Conference 2018, Science and Information Organization, 2018(新井康平)
 57. 2018年10月 Keynote speech award, State of the Arts of Human-Computer Interaction, Keynote Speech at the 3rd International Conference on Technology and Vocational Education and Training, UNJ, Jakarta State University, 2018.
 58. 2018年10月 Keynote speech award, Global Environmental monitoring from Space, Keynote Speech at the 1st ICCEAS (International Collaboration Conference on Engineering and Applied Science), and ICAnCEE 2018, and ICDEMM 2018, Riau and Udayana Universities, 2018.
 59. 2018年10月 Invited speech award, Vicarious Calibration of LISA/LISAT, Invited Speech, The 5th LISAT Symposium on Lana-IPB Satellite for Food Security and Environmental Management 2018.
 60. 2019年7月 Contribution Award, Prishtina International Summer University 2019
 61. 2019年7月 感謝状(武雄市教育委員会)
 62. 2019年7月 Kohei Arai, "Human-Computer Interaction, Computer Vision, Robot Vision", Prishtina International Summer University 2019,
 63. 2019年7月 Kohei Arai, State of the Arts on Human-Computer Interaction, Invited Special Speech on HCI, @Innovation Center Kosovo, At 17:00-19:00 on July 11 2019
 64. 2019年8月 Kohei Arai(Keynote Speech), AI and Remote Sensing Satellite Big Data Analysis, Proceedings of the 1st Annual Advanced Technology Applied Science and Engineering Conference, ATASEC 2019, Polytechnics State of Malang, 2019.
 65. 2019年11月 令和元年武雄市教育委員会表彰(武雄市教育委員会表彰状)
 66. 2019年11月 Kohei Arai(Keynote Speech), Remote sensing satellite big data AI analysis, Proceedings of the Indonesian Section IEEE AESS/GRSS Chapter Conference, 2019.
 67. 2020年10月 Kohei Arai(Keynote Speech), Artificial Intelligence: AI Now, FILKOM Tech Talks #2 webinar, Brawijaya University in Malang, on 23rd October 2020
 68. 2022年6月 Kohei Arai, (招待講演)Activities of Takeo branch of Young Astronauts Club, 宇宙教育地域フォーラムイン佐賀、at 佐賀県立宇宙科学館、2022年6月13日
 69. 2022年7月 Kohei Arai (Keynote Speech), Current Status of Artificial Intelligence Related Research , at Institute Technology in Surabaya, on 21 July 2022, ISITIA 2022.
 70. 2022年10月 Kohei Arai (Keynote Speech), State of the Arts of Artificial Intelligence: AI and Its Applications, The 9th International Conference on Electrical Engineering, Computer Science and Informatics: EECSI 2022, Jakarta, Indonesia, 2022.
 71. 2023年2月 Kohei Arai (Special Lecture Award), Artificial Intelligence and Its Applications as well as State of the Arts of AI Hardware and Software, University of Bengkulu, Indonesia, 2023.
 72. 2023年3月 Kohei Arai, 九州地域衛星データ利用動向、第1回九州宇宙開発ビジネス交流会別府国際コンベンションセンター、2023.

73. 2023年4月 Kohei Arai (Special Lecture Award), Sensor and IoT as well as AI for agricultural field monitoring, Bogor Agricultural University, Indonesia, 2023.
74. 2023年7月、Kohei Arai, Special Lecturer Award, AI and Its Applications, PISU (Prishtina International Summer University) 2023.
75. 2023年8月 新井康平、ERDAS IMAGINE の機械学習及び無償公開される機械学習プログラム利用手順、招待講演、PASCO 主催ユーザーフォーラム講演会,2023.
76. 2023年8月 新井康平、無償衛星データを利用した時系列解析、招待講演、PASCO 主催ユーザーフォーラム講演会,2023.
77. 2023年8月 新井康平、SaganSat-0 のミッション、招待講演、JAXAGA School(高校生部門), 2023.
78. 2023年8月 新井康平、地球環境観測衛星データ解析手法、久留米工業大学3専攻合同特別講義、2023.
79. 2023年8月 新井康平、医療とAI、八女久留米看護学校特別講義、2023.
80. 2023年9月 新井康平、宇宙から見る佐賀の魅力ゆめさが大学2023、ゆめさが大学鹿島校、基礎課程特別講義、2023.
81. 2023年9月 新井康平、宇宙から見る佐賀の魅力ゆめさが大学2023、ゆめさが大学唐津校、基礎課程特別講義、2023.
82. 2023年9月 新井康平、宇宙から見る佐賀の魅力ゆめさが大学2023、ゆめさが大学佐賀校(1組)、基礎課程特別講義、2023.
83. 2023年9月 新井康平、宇宙から見る佐賀の魅力ゆめさが大学2023、ゆめさが大学佐賀校(2組)、基礎課程特別講義、2023.
84. 2023年10月 Kohei Arai, AI and Its Applications, (Invited Speech and Special Lecture), Brawijaya University, 2023.
85. 2023年10月 Kohei Arai, AI and Its Applications, (Invited Speech and Special Lecture), Bengkulu University, 2023.
86. 2023年10月 新井康平、(招待講演)宇宙インフレーション、佐賀新聞社・山口産業共催、第1回膜構造コンテスト記念講演、テーマ：宇宙「Inflation」、2023.
87. 2023年11月 新井康平、(招待講演)、Join us 九航協、九州航空宇宙開発推進協議会30周年記念・第2回宇宙ビジネス講演会、2023.
88. 2023年12月 新井康平、招待講演、宇宙から見る佐賀の魅力、唐津市文化体育館文化ホール、第71回九州地区理科教育研究大会佐賀大会、2023.
89. 2023年12月 新井康平、特別講義、CubeSat/Sagasat-0、JAXAGA School, 2023.
90. 2024年1月 新井康平、招待講演、衛星データを用いたAIに基づく農業資源管理、大分県農林水産研究指導センター主催研究指導会、2024.
91. 2024年2月 新井康平、宇宙から見る佐賀の魅力ゆめさが大学2023、ゆめさが大学鳥栖校、基礎課程特別講義、2024.

92. 2024 年 2 月 Kohei Arai, Special Lecture as an Adjunct Professor of Brawijaya University, 2024.